

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended): A method of the dosed application of a liquid onto a selected portion of the surface of a substrate, wherein the liquid is fed to a distal tip of a capillary at a flow rate between 0.01 pl/s to 1 ml/s, wherein the distal tip comprises an orifice directed toward a surface, the inside diameter of the capillary is less than 150 μm and a voltage is applied between the orifice and a counter electrode until the desired amount of liquid has been applied to [a] the selected portion of the surface, wherein the distance between the orifice and the surface is less than 2 mm.
2. (previously presented): A method according to claim 1, wherein as substrate an object for performing an assay is used.
3. (previously presented): A method according to claim 1, wherein the liquid comprises a biological particle selected from the group consisting of a single-cell organism, an enzyme, a probe for the detection of nucleic acid sequence, an enzyme, a receptor and a ligand.
4. (previously presented): A method according to claim 3, wherein as the receptor an antibody is used.
5. (previously presented): A method according to claim 1, wherein the flow rate varies between 1 pl/s and 1 nl/s.
6. (previously presented): A method according to claim 1, wherein the distance between the orifice and the surface is 200 to 1000 μm .

7. (previously presented): A method according to claim 1, wherein the selected portion of the surface is bounded by means for limiting [the] spreading of the liquid over the surface.

8. (previously presented): A method according to claim 7, wherein a substrate is used whose surface comprises a well with the selected portion being comprised of the bottom of the well, wherein a wall of the well contains spreading of the liquid over the surface.

9. (previously presented): A method according to claim 7, wherein the means for limiting is a barrier selected from the group consisting of a hydrophilic barrier and a hydrophobic barrier.

10. (previously presented): A method according to claim 7, wherein as means for limiting a charged barrier is used having a charge whose sign is the same as that of the liquid applied to the surface.

11. (previously presented): A method according to claim 1, wherein the application is performed in an atmosphere substantially saturated with vapor from the liquid.

12. (previously presented): A method according to claim 1, wherein the application is performed in an atmosphere, which, in comparison with atmospheric air, reduces chance of discharge.

13. (previously presented): A method according to claim 1, wherein after the application of the liquid onto the selected portion of the surface, the substrate and the orifice are moved in relation to each other in a plane extending substantially perpendicular to the axis of the capillary, and in that a second selected portion of the surface is provided with liquid, which second selected portion does not overlap with the selected portion first provided with liquid.

14. (previously presented): A method according to claim 1, wherein an array of capillaries is used with the capillaries spaced from each other such that the selected surfaces onto which liquid is to be applied by two adjacent capillaries, do not overlap.

15. (previously presented): A method according to claim 1, wherein the counter electrode is formed by the substrate.

16. (previously presented): A method according to claim 1, wherein an electrode is used as counter electrode, which electrode substantially surrounds the selected portion of the surface and which is retained in vicinity to the surface.

17. (previously presented): A method according to claim 1, wherein the amount of applied liquid is measured by means of one or more characteristics from the group consisting of current and voltage characteristics.

18. (previously presented): A method according to claim 1, wherein a gelling liquid is applied to the selected portion of the surface.

19. (previously presented): A method according to claim 1, wherein the counter electrode is applied underneath the selected surface and is covered with a substantially insulating thin film.

20. (previously presented): A method according to claim 5 wherein the flow rate varies between 10 and 100 $\mu\text{l/s}$.